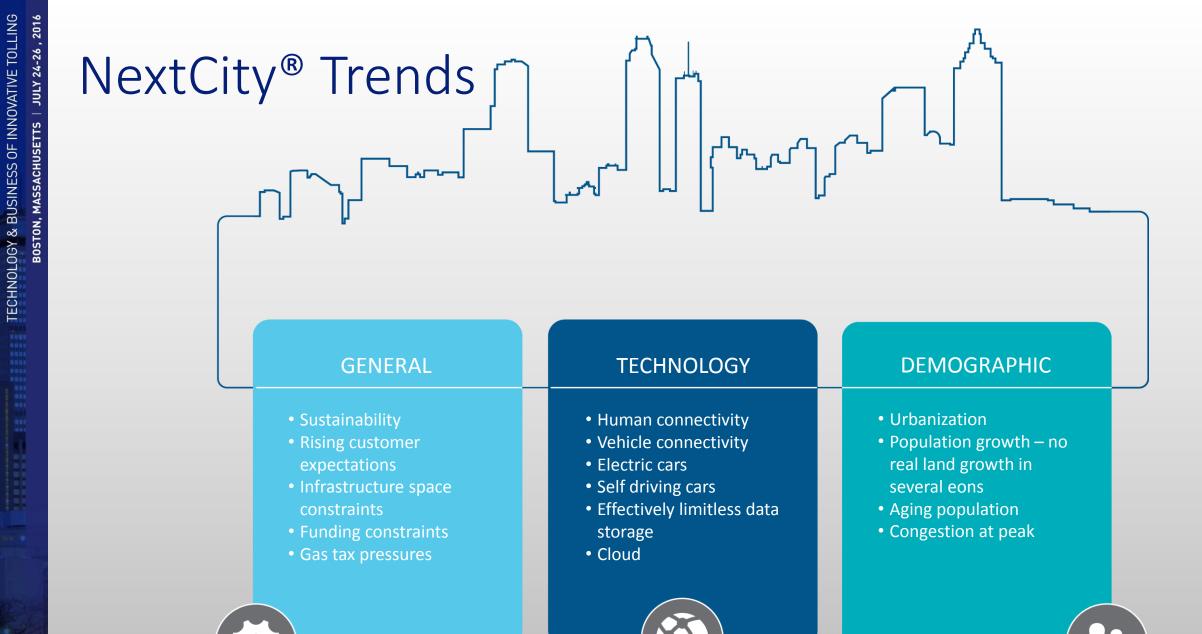
A Modern Technology Approach to Promote Operational Flexibility











| JULY 24-26 , 2016

BOSTON, MASSACHUSETTS

The Future of Transport





Public transport ticketing, revenue management & services

Big data tools, deep analytics techniques

Enables bus operators, customers to monitor bus status

Systems for traffic and transportation management and information

Road user charging

Availability, reservations, fare payment for parking, taxis, ride sharing



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Transportation Vision







Integrated payments, information and decision-management system.

Urbanization

- 54% of the world's population lives in urban areas (compared to 30% in 1950)
- By 2050, 66% of the population is projected to be urban
- 28 mega-cities with more than 10 million inhabitants - by 2030, 40 mega-cities projected
- Exponential increases in congestion
- Convergence with population growth

Connectivity

- Rapid connectivity to almost anyone, anywhere in the world - The Information Age
- Number of mobile subscriptions surpassed world population in 2014
- 10X growth in mobile traffic predicted between 2013-2019
- The Internet of Things advanced connectivity of devices, systems and services
- · Emergence of Big Data and The Cloud

Solution

Consumer/Mobile/Traveler Information

- •Better informed passengers predictive, personalized and actionable information
- Deeper insights into customer behavior
- More convenient access to payment/info

One Account

- •Integrated fare structures across transit, tolling, parking etc.
- Improved customer service and convenience and reduced cost

Analytics

- Enhanced operations and planning ability; reduced costs
- Improved crisis management
- •New revenue opportunities through 3rd party use of data



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NextCity[®]

INTEGRATED OPERATIONS ONE **CUSTOMER EXPERIENCE ACCOUNT** + ANALYTICS **Key Benefits**

- 1 Eliminate uncertainty
- 2 Reduced service costs
- 3 New revenue opportunities
- 1 Integrated policy
- 2 Reduced operations costs
- 3 Enhanced customer experience
- 1 Identify unknown relationships
- 2 Model + measure impact of decisions + policy changes
- 3 Benchmark + performance measurements

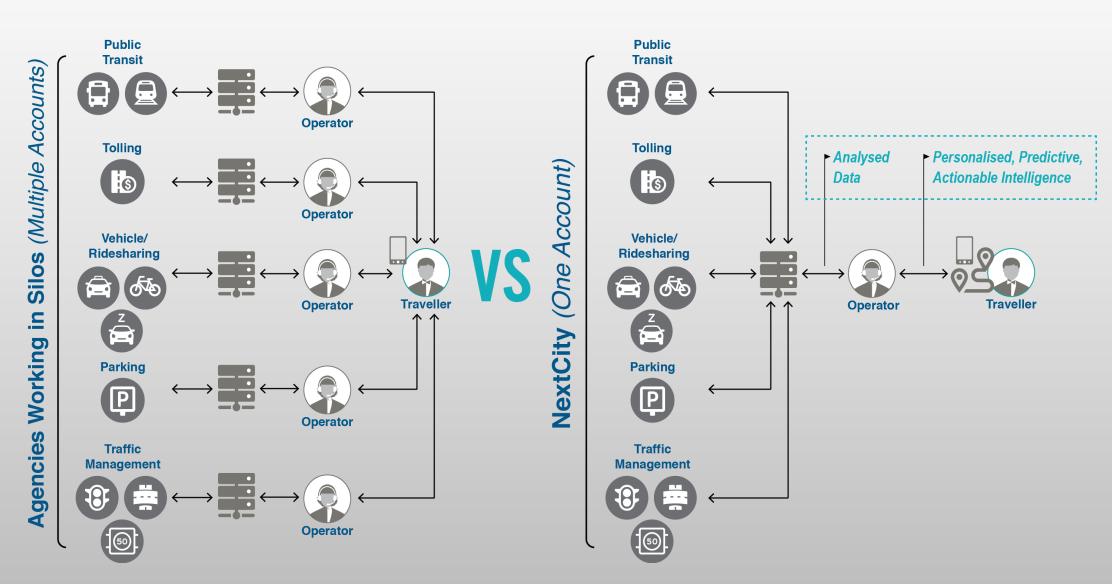


Vision

- One Payment Account, All Modes
- Personalized and Pushed Traveler Updates
- Smarter, Real-Time Journey Planning
- Integrated Pricing ("Super Day Pass")
- Real-Time Integrated Use Information
- Dynamic Information and Price Updates
- Trended, Integrated Data Analytics
- Leveraging Existing Assets



NextCity® Integrated Transportation

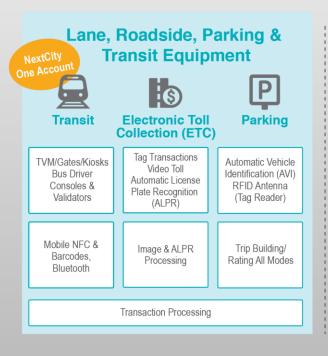




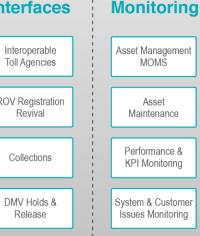
TECHNOLOGY & BUSINESS OF INNOVATIVE TOLLING

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Cubic One Account Back Office Solution NextFare™ NextWave[®] NextContact® NextAccount® NextInfo™ NextLedger™ Account-Based Fare Table Card Customer Account Reporting & Invoice Settlement & General Ledger & NextLink™ Management & Transaction Data Warehouse Management Management Management Management Dashboards Clearing Reconciliation Fulfillment Processing $\leftarrow \ddot{g} \rightarrow$ Invoicing & Device Status Card Transaction Workflow **Business Rules** Mobile Credit/Debit Correspondence Violations Data Analytics Data Cleansing Monitoring Processing Management Management Management Connectivity Payment Gateway Processing Customer/System Dispute Mobile Contact History Management Ticketing **Enterprise Service Bus**









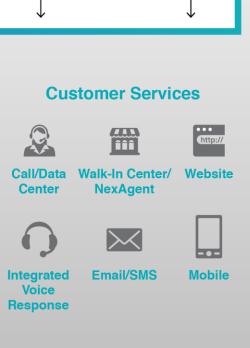


Suppliers

Supplier Interfaces

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The Vision Becoming Real: London

- World's largest and most complex multimodal smartcard-based fare system -12.4 million journeys every day including Oyster and contactless bankcards
- 100+ million contactless bankcard journeys to date
- Open payments with Fare Capping; contactless bank cards and mobile smartphones. One payment media for all regional travel.





The Vision Becoming Real: Chicago

- First Full-Scale Open Loop Roll-Out Account-based system
 - **Mobile Payment**
 - Offered across modes and agencies
- Unique opportunity with a public and private partnership
 - 1st time in USA financing an AFC project of this scale
- 1.5 million taps on average weekday; 563M Transactions, 4.185M Accounts, 100% Ridership in First 4 Months Since Rollout





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